

Liming Liang

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

175
papers

16,774
citations

49
h-index

129
g-index

192
ext. papers

21,135
ext. citations

8.9
avg, IF

5.7
L-index

#	Paper	IF	Citations
175	Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , 2015 , 518, 197-206	50.4	2687
174	Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. <i>Nature Genetics</i> , 2010 , 42, 937-48	36.3	2267
173	Hundreds of variants clustered in genomic loci and biological pathways affect human height. <i>Nature</i> , 2010 , 467, 832-8	50.4	1514
172	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , 2015 , 518, 187-196	50.4	920
171	A genome-wide association study of global gene expression. <i>Nature Genetics</i> , 2007 , 39, 1202-7	36.3	801
170	The genetic architecture of type 2 diabetes. <i>Nature</i> , 2016 , 536, 41-47	50.4	704
169	Meta-analysis of genome-wide association studies of asthma in ethnically diverse North American populations. <i>Nature Genetics</i> , 2011 , 43, 887-92	36.3	605
168	DNA methylation-based measures of biological age: meta-analysis predicting time to death. <i>Aging</i> , 2016 , 8, 1844-1865	5.6	531
167	Epigenetic Signatures of Cigarette Smoking. <i>Circulation: Cardiovascular Genetics</i> , 2016 , 9, 436-447		442
166	An Expanded Genome-Wide Association Study of Type 2 Diabetes in Europeans. <i>Diabetes</i> , 2017 , 66, 2888-2902	29.02	414
165	Genetic fine mapping and genomic annotation defines causal mechanisms at type 2 diabetes susceptibility loci. <i>Nature Genetics</i> , 2015 , 47, 1415-25	36.3	292
164	Multiancestry association study identifies new asthma risk loci that colocalize with immune-cell enhancer marks. <i>Nature Genetics</i> , 2018 , 50, 42-53	36.3	246
163	Epigenome-wide association study (EWAS) of BMI, BMI change and waist circumference in African American adults identifies multiple replicated loci. <i>Human Molecular Genetics</i> , 2015 , 24, 4464-79	5.6	219
162	Genome-wide association analysis identifies three new susceptibility loci for childhood body mass index. <i>Human Molecular Genetics</i> , 2016 , 25, 389-403	5.6	202
161	Association of Body Mass Index with DNA Methylation and Gene Expression in Blood Cells and Relations to Cardiometabolic Disease: A Mendelian Randomization Approach. <i>PLoS Medicine</i> , 2017 , 14, e1002215	11.6	162
160	An epigenome-wide association study of total serum immunoglobulin E concentration. <i>Nature</i> , 2015 , 520, 670-674	50.4	162
159	Plasma Ceramides, Mediterranean Diet, and Incident Cardiovascular Disease in the PREDIMED Trial (Prevención con Dieta Mediterránea). <i>Circulation</i> , 2017 , 135, 2028-2040	16.7	161

158	Epigenome-wide association study of fasting blood lipids in the Genetics of Lipid-lowering Drugs and Diet Network study. <i>Circulation</i> , 2014 , 130, 565-72	16.7	161
157	Plasma Branched-Chain Amino Acids and Incident Cardiovascular Disease in the PREDIMED Trial. <i>Clinical Chemistry</i> , 2016 , 62, 582-92	5.5	129
156	FTO genetic variants, dietary intake and body mass index: insights from 177,330 individuals. <i>Human Molecular Genetics</i> , 2014 , 23, 6961-72	5.6	120
155	A cross-platform analysis of 14,177 expression quantitative trait loci derived from lymphoblastoid cell lines. <i>Genome Research</i> , 2013 , 23, 716-26	9.7	117
154	Genome-wide association study identifies multiple susceptibility loci for diffuse large B cell lymphoma. <i>Nature Genetics</i> , 2014 , 46, 1233-8	36.3	108
153	Association of asthma and its genetic predisposition with the risk of severe COVID-19. <i>Journal of Allergy and Clinical Immunology</i> , 2020 , 146, 327-329.e4	11.5	101
152	A genome-wide cross-trait analysis from UK Biobank highlights the shared genetic architecture of asthma and allergic diseases. <i>Nature Genetics</i> , 2018 , 50, 857-864	36.3	93
151	Epigenome-wide association studies identify DNA methylation associated with kidney function. <i>Nature Communications</i> , 2017 , 8, 1286	17.4	92
150	B vitamins attenuate the epigenetic effects of ambient fine particles in a pilot human intervention trial. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 3503-3508	11.5	87
149	Improving Phenotypic Prediction by Combining Genetic and Epigenetic Associations. <i>American Journal of Human Genetics</i> , 2015 , 97, 75-85	11	85
148	Improved ancestry estimation for both genotyping and sequencing data using projection procrustes analysis and genotype imputation. <i>American Journal of Human Genetics</i> , 2015 , 96, 926-37	11	82
147	Early Prediction of Developing Type 2 Diabetes by Plasma Acylcarnitines: A Population-Based Study. <i>Diabetes Care</i> , 2016 , 39, 1563-70	14.6	82
146	Perfluoroalkyl substances and changes in body weight and resting metabolic rate in response to weight-loss diets: A prospective study. <i>PLoS Medicine</i> , 2018 , 15, e1002502	11.6	81
145	Predicting DNA methylation level across human tissues. <i>Nucleic Acids Research</i> , 2014 , 42, 3515-28	20.1	81
144	Identifying Metabolomic Profiles of Insulinemic Dietary Patterns (OR31-03-19). <i>Current Developments in Nutrition</i> , 2019 , 3,	0.4	78
143	Gut Microbiota Metabolites and Cardiometabolic Risk Among Older Puerto Ricans: Findings from the Boston Puerto Rican Health Study. <i>Current Developments in Nutrition</i> , 2020 , 4, 1378-1378	0.4	78
142	Plasma Metabolomic Signatures of Sugar-Sweetened Beverage Consumption and Risk of Type 2 Diabetes Among US Adults. <i>Current Developments in Nutrition</i> , 2021 , 5, 1040-1040	0.4	78
141	Urea Cycle Metabolites and Atrial Fibrillation or Heart Failure Risk: Two Case-Control Studies in the PREDIMED Trial. <i>Current Developments in Nutrition</i> , 2021 , 5, 18-18	0.4	78

140	Plasma Lipidomic Profiling and Risk of Type 2 Diabetes in the PREDIMED Trial. <i>Diabetes Care</i> , 2018 , 41, 2617-2624	14.6	78
139	Genome-wide association study identifies five susceptibility loci for follicular lymphoma outside the HLA region. <i>American Journal of Human Genetics</i> , 2014 , 95, 462-71	11	74
138	Epigenetic Patterns in Blood Associated With Lipid Traits Predict Incident Coronary Heart Disease Events and Are Enriched for Results From Genome-Wide Association Studies. <i>Circulation: Cardiovascular Genetics</i> , 2017 , 10,		72
137	The nasal methylome as a biomarker of asthma and airway inflammation in children. <i>Nature Communications</i> , 2019 , 10, 3095	17.4	72
136	Meta-analysis of genome-wide association studies of adult height in East Asians identifies 17 novel loci. <i>Human Molecular Genetics</i> , 2015 , 24, 1791-800	5.6	71
135	Comprehensive Metabolomic Profiling and Incident Cardiovascular Disease: A Systematic Review. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	70
134	Meta-analysis of genome-wide association studies discovers multiple loci for chronic lymphocytic leukemia. <i>Nature Communications</i> , 2016 , 7, 10933	17.4	70
133	Shared genetic and experimental links between obesity-related traits and asthma subtypes in UK Biobank. <i>Journal of Allergy and Clinical Immunology</i> , 2020 , 145, 537-549	11.5	70
132	Genome-wide identification of DNA methylation QTLs in whole blood highlights pathways for cardiovascular disease. <i>Nature Communications</i> , 2019 , 10, 4267	17.4	65
131	A functional IL-6 receptor (IL6R) variant is a risk factor for persistent atopic dermatitis. <i>Journal of Allergy and Clinical Immunology</i> , 2013 , 132, 371-7	11.5	65
130	Plasma Metabolites From Choline Pathway and Risk of Cardiovascular Disease in the PREDIMED (Prevention With Mediterranean Diet) Study. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	58
129	The Mediterranean diet, plasma metabolome, and cardiovascular disease risk. <i>European Heart Journal</i> , 2020 , 41, 2645-2656	9.5	54
128	Plasma branched chain/aromatic amino acids, enriched Mediterranean diet and risk of type 2 diabetes: case-cohort study within the PREDIMED Trial. <i>Diabetologia</i> , 2018 , 61, 1560-1571	10.3	53
127	Genome-Wide Analysis of DNA Methylation and Acute Coronary Syndrome. <i>Circulation Research</i> , 2017 , 120, 1754-1767	15.7	49
126	Plasma lipidomic profiles and cardiovascular events in a randomized intervention trial with the Mediterranean diet. <i>American Journal of Clinical Nutrition</i> , 2017 , 106, 973-983	7	49
125	Shared genetics of asthma and mental health disorders: a large-scale genome-wide cross-trait analysis. <i>European Respiratory Journal</i> , 2019 , 54,	13.6	45
124	A genome-wide association study of marginal zone lymphoma shows association to the HLA region. <i>Nature Communications</i> , 2015 , 6, 5751	17.4	44
123	Association of Tryptophan Metabolites with Incident Type 2 Diabetes in the PREDIMED Trial: A Case-Cohort Study. <i>Clinical Chemistry</i> , 2018 , 64, 1211-1220	5.5	42

122	An epigenome-wide association study of total serum IgE in Hispanic children. <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 140, 571-577	11.5	41
121	Extracellular microRNAs profile in human follicular fluid and IVF outcomes. <i>Scientific Reports</i> , 2018 , 8, 17036	4.9	40
120	Genetically predicted longer telomere length is associated with increased risk of B-cell lymphoma subtypes. <i>Human Molecular Genetics</i> , 2016 , 25, 1663-76	5.6	39
119	Dietary Intakes and Circulating Concentrations of Branched-Chain Amino Acids in Relation to Incident Type 2 Diabetes Risk Among High-Risk Women with a History of Gestational Diabetes Mellitus. <i>Clinical Chemistry</i> , 2018 , 64, 1203-1210	5.5	37
118	Grasping nettles: cellular heterogeneity and other confounders in epigenome-wide association studies. <i>Human Molecular Genetics</i> , 2014 , 23, R83-8	5.6	36
117	Association of obesity and its genetic predisposition with the risk of severe COVID-19: Analysis of population-based cohort data. <i>Metabolism: Clinical and Experimental</i> , 2020 , 112, 154345	12.7	36
116	Exposure to Polycyclic Aromatic Hydrocarbons and Accelerated DNA Methylation Aging. <i>Environmental Health Perspectives</i> , 2018 , 126, 067005	8.4	35
115	Quantification of familial risk of nasopharyngeal carcinoma in a high-incidence area. <i>Cancer</i> , 2017 , 123, 2716-2725	6.4	34
114	Are genetic variations in OXTR, AVPR1A, and CD38 genes important to social integration? Results from two large U.S. cohorts. <i>Psychoneuroendocrinology</i> , 2014 , 39, 257-268	5	32
113	iGWAS: Integrative Genome-Wide Association Studies of Genetic and Genomic Data for Disease Susceptibility Using Mediation Analysis. <i>Genetic Epidemiology</i> , 2015 , 39, 347-56	2.6	32
112	Fast and robust adjustment of cell mixtures in epigenome-wide association studies with SmartSVA. <i>BMC Genomics</i> , 2017 , 18, 413	4.5	31
111	Intervention Trials with the Mediterranean Diet in Cardiovascular Prevention: Understanding Potential Mechanisms through Metabolomic Profiling. <i>Journal of Nutrition</i> , 2015 , 146, 913S-919S	4.1	31
110	Plasma Acylcarnitines and Risk of Type 2 Diabetes in a Mediterranean Population at High Cardiovascular Risk. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019 , 104, 1508-1519	5.6	31
109	Plasma lipidome patterns associated with cardiovascular risk in the PREDIMED trial: A case-cohort study. <i>International Journal of Cardiology</i> , 2018 , 253, 126-132	3.2	30
108	A Low-Frequency Inactivating Variant Enriched in the Finnish Population Is Associated With Fasting Insulin Levels and Type 2 Diabetes Risk. <i>Diabetes</i> , 2017 , 66, 2019-2032	0.9	29
107	Neuropeptide Y genotype, central obesity, and abdominal fat distribution: the POUNDS LOST trial. <i>American Journal of Clinical Nutrition</i> , 2015 , 102, 514-9	7	28
106	A Genome-Wide Association Study of Cutaneous Squamous Cell Carcinoma among European Descendants. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2016 , 25, 714-20	4	28
105	Bachelors, divorcees, and widowers: does marriage protect men from type 2 diabetes?. <i>PLoS ONE</i> , 2014 , 9, e106720	3.7	28

104	Prenatal arsenic exposure, child marriage, and pregnancy weight gain: Associations with preterm birth in Bangladesh. <i>Environment International</i> , 2018 , 112, 23-32	12.9	28
103	Whole blood microRNA markers are associated with acute respiratory distress syndrome. <i>Intensive Care Medicine Experimental</i> , 2017 , 5, 38	3.7	27
102	A comprehensive survey of genetic variation in 20,691 subjects from four large cohorts. <i>PLoS ONE</i> , 2017 , 12, e0173997	3.7	27
101	The School Inner-City Asthma Intervention Study: Design, rationale, methods, and lessons learned. <i>Contemporary Clinical Trials</i> , 2017 , 60, 14-23	2.3	26
100	Circulating Multiple Metals and Incident Stroke in Chinese Adults. <i>Stroke</i> , 2019 , 50, 1661-1668	6.7	26
99	High plasma glutamate and low glutamine-to-glutamate ratio are associated with type 2 diabetes: Case-cohort study within the PREDIMED trial. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2019 , 29, 1040-1049	4.5	26
98	Associations among circulating sphingolipids, ßcell function, and risk of developing type 2 diabetes: A population-based cohort study in China. <i>PLoS Medicine</i> , 2020 , 17, e1003451	11.6	26
97	A Peripheral Blood DNA Methylation Signature of Hepatic Fat Reveals a Potential Causal Pathway for Nonalcoholic Fatty Liver Disease. <i>Diabetes</i> , 2019 , 68, 1073-1083	0.9	25
96	Efficient cross-trait penalized regression increases prediction accuracy in large cohorts using secondary phenotypes. <i>Nature Communications</i> , 2019 , 10, 569	17.4	25
95	Investigating the genetic relationship between Alzheimer's disease and cancer using GWAS summary statistics. <i>Human Genetics</i> , 2017 , 136, 1341-1351	6.3	25
94	Genetic overlap of chronic obstructive pulmonary disease and cardiovascular disease-related traits: a large-scale genome-wide cross-trait analysis. <i>Respiratory Research</i> , 2019 , 20, 64	7.3	24
93	Plasma trimethylamine-N-oxide and related metabolites are associated with type 2 diabetes risk in the Prevenció con Dieta Mediterránea (PREDIMED) trial. <i>American Journal of Clinical Nutrition</i> , 2018 , 108, 163-173	7	24
92	Shared genetic architecture between metabolic traits and Alzheimer's disease: a large-scale genome-wide cross-trait analysis. <i>Human Genetics</i> , 2019 , 138, 271-285	6.3	23
91	An Empirical Dietary Inflammatory Pattern Score Is Associated with Circulating Inflammatory Biomarkers in a Multi-Ethnic Population of Postmenopausal Women in the United States. <i>Journal of Nutrition</i> , 2018 , 148, 771-780	4.1	23
90	Investigating causal relation between prenatal arsenic exposure and birthweight: Are smaller infants more susceptible?. <i>Environment International</i> , 2017 , 108, 32-40	12.9	23
89	Urinary concentrations of phenols and phthalate metabolites reflect extracellular vesicle microRNA expression in follicular fluid. <i>Environment International</i> , 2019 , 123, 20-28	12.9	23
88	Sequence data and association statistics from 12,940 type 2 diabetes cases and controls. <i>Scientific Data</i> , 2017 , 4, 170179	8.2	22
87	Prediagnostic plasma metabolomics and the risk of amyotrophic lateral sclerosis. <i>Neurology</i> , 2019 , 92, e2089-e2100	6.5	20

86	Plasma metabolites predict both insulin resistance and incident type 2 diabetes: a metabolomics approach within the Prevensi3 con Dieta Mediterr3nea (PREDIMED) study. <i>American Journal of Clinical Nutrition</i> , 2019 , 109, 626-634	7	19
85	Glycolysis/gluconeogenesis- and tricarboxylic acid cycle-related metabolites, Mediterranean diet, and type 2 diabetes. <i>American Journal of Clinical Nutrition</i> , 2020 , 111, 835-844	7	19
84	Development of a population-based cancer case-control study in southern china. <i>Oncotarget</i> , 2017 , 8, 87073-87085	3.3	19
83	Whole Blood DNA Methylation Signatures of Diet Are Associated With Cardiovascular Disease Risk Factors and All-Cause Mortality. <i>Circulation Genomic and Precision Medicine</i> , 2020 , 13, e002766	5.2	18
82	Associations of Perfluoroalkyl substances with blood lipids and Apolipoproteins in lipoprotein subspecies: the POUNDS-lost study. <i>Environmental Health</i> , 2020 , 19, 5	6	17
81	DNA methylation within melatonin receptor 1A (MTNR1A) mediates paternally transmitted genetic variant effect on asthma plus rhinitis. <i>Journal of Allergy and Clinical Immunology</i> , 2016 , 138, 748-753	11.5	17
80	Expression Quantitative Trait Loci Information Improves Predictive Modeling of Disease Relevance of Non-Coding Genetic Variation. <i>PLoS ONE</i> , 2015 , 10, e0140758	3.7	16
79	Investigating asthma heterogeneity through shared and distinct genetics: Insights from genome-wide cross-trait analysis. <i>Journal of Allergy and Clinical Immunology</i> , 2021 , 147, 796-807	11.5	15
78	Regulation of birthweight by placenta-derived miRNAs: evidence from an arsenic-exposed birth cohort in Bangladesh. <i>Epigenetics</i> , 2018 , 13, 573-590	5.7	14
77	Epigenome-wide DNA methylation study of IgE concentration in relation to self-reported allergies. <i>Epigenomics</i> , 2017 , 9, 407-418	4.4	13
76	Alternate methods of nasal epithelial cell sampling for airway genomic studies. <i>Journal of Allergy and Clinical Immunology</i> , 2015 , 136, 1120-3.e4	11.5	13
75	Human Plasma Metabolomics in Age-Related Macular Degeneration: Meta-Analysis of Two Cohorts. <i>Metabolites</i> , 2019 , 9,	5.6	13
74	Plasma Metabolites Associated with Frequent Red Wine Consumption: A Metabolomics Approach within the PREDIMED Study. <i>Molecular Nutrition and Food Research</i> , 2019 , 63, e1900140	5.9	13
73	Perfluoroalkyl substances and changes in bone mineral density: A prospective analysis in the POUNDS-LOST study. <i>Environmental Research</i> , 2019 , 179, 108775	7.9	13
72	Lysine pathway metabolites and the risk of type 2 diabetes and cardiovascular disease in the PREDIMED study: results from two case-cohort studies. <i>Cardiovascular Diabetology</i> , 2019 , 18, 151	8.7	13
71	Plasma Arginine/Asymmetric Dimethylarginine Ratio and Incidence of Cardiovascular Events: A Case-Cohort Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017 , 102, 1879-1888	5.6	12
70	Metabolites related to purine catabolism and risk of type 2 diabetes incidence; modifying effects of the TCF7L2-rs7903146 polymorphism. <i>Scientific Reports</i> , 2019 , 9, 2892	4.9	12
69	Plasma Metabolites Associated with Coffee Consumption: A Metabolomic Approach within the PREDIMED Study. <i>Nutrients</i> , 2019 , 11,	6.7	11

68	eQTL mapping identifies insertion- and deletion-specific eQTLs in multiple tissues. <i>Nature Communications</i> , 2015 , 6, 6821	17.4	11
67	Genetic Determinants for Leisure-Time Physical Activity. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 1620-1628	1.2	11
66	Pre-diagnostic leukocyte mitochondrial DNA copy number and risk of lung cancer. <i>Oncotarget</i> , 2016 , 7, 27307-12	3.3	11
65	Identifying metabolomic profiles of inflammatory diets in postmenopausal women. <i>Clinical Nutrition</i> , 2020 , 39, 1478-1490	5.9	11
64	Changes in arginine are inversely associated with type 2 diabetes: A case-cohort study in the PREDIMED trial. <i>Diabetes, Obesity and Metabolism</i> , 2019 , 21, 397-401	6.7	10
63	Genome-Wide Assessment for Resting Heart Rate and Shared Genetics With Cardiometabolic Traits and Type 2 Diabetes. <i>Journal of the American College of Cardiology</i> , 2019 , 74, 2162-2174	15.1	10
62	Metabolomic Signatures of Long-term Coffee Consumption and Risk of Type 2 Diabetes in Women. <i>Diabetes Care</i> , 2020 , 43, 2588-2596	14.6	10
61	Gut microbiota-derived metabolites and risk of coronary artery disease: a prospective study among US men and women. <i>American Journal of Clinical Nutrition</i> , 2021 , 114, 238-247	7	10
60	Pre-diagnostic leukocyte mitochondrial DNA copy number and skin cancer risk. <i>Carcinogenesis</i> , 2016 , 37, 897-903	4.6	10
59	Choline Metabolism and Risk of Atrial Fibrillation and Heart Failure in the PREDIMED Study. <i>Clinical Chemistry</i> , 2021 , 67, 288-297	5.5	10
58	Genome-wide methylation analysis identifies novel CpG loci for perimembranous ventricular septal defects in human. <i>Epigenomics</i> , 2017 , 9, 241-251	4.4	9
57	Dairy consumption, plasma metabolites, and risk of type 2 diabetes. <i>American Journal of Clinical Nutrition</i> , 2021 , 114, 163-174	7	9
56	Identifying Metabolomic Profiles of Insulinemic Dietary Patterns. <i>Metabolites</i> , 2019 , 9,	5.6	8
55	Body mass index in relation to extracellular vesicle-linked microRNAs in human follicular fluid. <i>Fertility and Sterility</i> , 2019 , 112, 387-396.e3	4.8	8
54	Locus-specific DNA methylation prediction in cord blood and placenta. <i>Epigenetics</i> , 2019 , 14, 405-420	5.7	8
53	Circulating folate concentrations and risk of coronary artery disease: a prospective cohort study in Chinese adults and a Mendelian randomization analysis. <i>American Journal of Clinical Nutrition</i> , 2020 , 111, 635-643	7	8
52	Genetically defined elevated homocysteine levels do not result in widespread changes of DNA methylation in leukocytes. <i>PLoS ONE</i> , 2017 , 12, e0182472	3.7	8
51	RTeQTL: Real-Time Online Engine for Expression Quantitative Trait Loci Analyses. <i>Database: the Journal of Biological Databases and Curation</i> , 2014 , 2014,	5	7

50	Plasma lipidomics profile in pregnancy and gestational diabetes risk: a prospective study in a multiracial/ethnic cohort. <i>BMJ Open Diabetes Research and Care</i> , 2021 , 9,	4.5	7
49	Walnut Consumption, Plasma Metabolomics, and Risk of Type 2 Diabetes and Cardiovascular Disease. <i>Journal of Nutrition</i> , 2021 , 151, 303-311	4.1	6
48	MetProc: Separating Measurement Artifacts from True Metabolites in an Untargeted Metabolomics Experiment. <i>Journal of Proteome Research</i> , 2019 , 18, 1446-1450	5.6	6
47	Metabolomics of the tryptophan-kynurenine degradation pathway and risk of atrial fibrillation and heart failure: potential modification effect of Mediterranean diet. <i>American Journal of Clinical Nutrition</i> , 2021 , 114, 1646-1654	7	6
46	Pathway analysis of expression-related SNPs on genome-wide association study of basal cell carcinoma. <i>Oncotarget</i> , 2016 , 7, 36885-36895	3.3	5
45	A transdisciplinary approach to understand the epigenetic basis of race/ethnicity health disparities. <i>Epigenomics</i> , 2021 , 13, 1761-1770	4.4	5
44	Whole blood microRNAs as a prognostic classifier for acute respiratory distress syndrome 28-day mortality. <i>Intensive Care Medicine</i> , 2016 , 42, 1824-1825	14.5	5
43	Chyle Fat-Derived Stem Cells Conditioned Medium Inhibits Hypertrophic Scar Fibroblast Activity. <i>Annals of Plastic Surgery</i> , 2019 , 83, 271-277	1.7	5
42	Lipid Profiles and Heart Failure Risk: Results From Two Prospective Studies. <i>Circulation Research</i> , 2021 , 128, 309-320	15.7	5
41	DNA methylation mediates the effect of maternal smoking on offspring birthweight: a birth cohort study of multi-ethnic US mother-newborn pairs. <i>Clinical Epigenetics</i> , 2021 , 13, 47	7.7	5
40	Maternal triacylglycerol signature and risk of food allergy in offspring. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 144, 729-737	11.5	4
39	Association between the metabolome and bone mineral density in a Chinese population. <i>EBioMedicine</i> , 2020 , 62, 103111	8.8	4
38	Prospective Study on Plasma MicroRNA-4286 and Incident Acute Coronary Syndrome. <i>Journal of the American Heart Association</i> , 2021 , 10, e018999	6	4
37	Profile of copper-associated DNA methylation and its association with incident acute coronary syndrome. <i>Clinical Epigenetics</i> , 2021 , 13, 19	7.7	4
36	Effect of School Integrated Pest Management or Classroom Air Filter Purifiers on Asthma Symptoms in Students With Active Asthma: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2021 , 326, 839-850	27.4	4
35	Inter-generational link of obesity in term and preterm births: role of maternal plasma acylcarnitines. <i>International Journal of Obesity</i> , 2019 , 43, 1967-1977	5.5	3
34	Changes in metabolomics profiles over ten years and subsequent risk of developing type 2 diabetes: Results from the NursesRHealth Study.. <i>EBioMedicine</i> , 2021 , 75, 103799	8.8	3
33	Postpartum plasma metabolomic profile among women with preeclampsia and preterm delivery: implications for long-term health. <i>BMC Medicine</i> , 2020 , 18, 277	11.4	3

32	High Plasma Glutamate and a Low Glutamine-to-Glutamate Ratio Are Associated with Increased Risk of Heart Failure but Not Atrial Fibrillation in the Prevención con Dieta Mediterránea (PREDIMED) Study. <i>Journal of Nutrition</i> , 2020 , 150, 2882-2889	4.1	3
31	Association of folate intake and colorectal cancer risk in the postfortification era in US women. <i>American Journal of Clinical Nutrition</i> , 2021 , 114, 49-58	7	3
30	Y disruption, autosomal hypomethylation and poor male lung cancer survival. <i>Scientific Reports</i> , 2021 , 11, 12453	4.9	3
29	Improved lipidomic profile mediates the effects of adherence to healthy lifestyles on coronary heart disease. <i>ELife</i> , 2021 , 10,	8.9	3
28	Screening for interaction effects in gene expression data. <i>PLoS ONE</i> , 2017 , 12, e0173847	3.7	2
27	A genome-wide analysis of gene-caffeine consumption interaction on basal cell carcinoma. <i>Carcinogenesis</i> , 2016 , 37, 1138-1143	4.6	2
26	Height, height-related SNPs, and risk of non-melanoma skin cancer. <i>British Journal of Cancer</i> , 2017 , 116, 134-140	8.7	2
25	Plasma metabolomic profiles for colorectal cancer precursors in women.. <i>European Journal of Epidemiology</i> , 2022 , 1	12.1	2
24	Lifestyle weight-loss intervention may attenuate methylation aging: the CENTRAL MRI randomized controlled trial. <i>Clinical Epigenetics</i> , 2021 , 13, 48	7.7	2
23	Relationship of Soluble Interleukin-6 Receptors With Asthma: A Mendelian Randomization Study. <i>Frontiers in Medicine</i> , 2021 , 8, 665057	4.9	2
22	Glycolysis Metabolites and Risk of Atrial Fibrillation and Heart Failure in the PREDIMED Trial. <i>Metabolites</i> , 2021 , 11,	5.6	2
21	Plasma Metabolomic Profiles of Glycemic Index, Glycemic Load, and Carbohydrate Quality Index in the PREDIMED Study. <i>Journal of Nutrition</i> , 2021 , 151, 50-58	4.1	2
20	A large-scale genome-wide association analysis of lung function in the Chinese population identifies novel loci and highlights shared genetic aetiology with obesity. <i>European Respiratory Journal</i> , 2021 , 58,	13.6	2
19	Estimating cell-type-specific DNA methylation effects in heterogeneous cellular populations. <i>Epigenomics</i> , 2021 , 13, 87-97	4.4	2
18	Individual and Combined Association Between Prenatal Polysubstance Exposure and Childhood Risk of Attention-Deficit/Hyperactivity Disorder.. <i>JAMA Network Open</i> , 2022 , 5, e221957	10.4	2
17	Polygenic scores, diet quality, and type 2 diabetes risk: An observational study among 35,759 adults from 3 US cohorts.. <i>PLoS Medicine</i> , 2022 , 19, e1003972	11.6	2
16	Mapping the Metabolic Profiles of Long-Term Vegetable, Fruit, and Fruit Juice Consumption. <i>Current Developments in Nutrition</i> , 2020 , 4, 787-787	0.4	1
15	Changes in Metabolites During an Oral Glucose Tolerance Test in Early and Mid-Pregnancy: Findings from the PEARLS Randomized, Controlled Lifestyle Trial. <i>Metabolites</i> , 2020 , 10,	5.6	1

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13	Interaction of greenness and polygenic risk score of Alzheimer's disease on risk of cognitive impairment. <i>Science of the Total Environment</i> , 2021 , 796, 148767	10.2	1
12	Parental metal exposures as potential risk factors for spina bifida in Bangladesh. <i>Environment International</i> , 2021 , 157, 106800	12.9	1
11	Plasma metabolite profiles related to plant-based diets and the risk of type 2 diabetes.. <i>Diabetologia</i> , 2022 , 1	10.3	1
10	A metabolome-wide association study of in utero metal and trace element exposures with cord blood metabolome profile: Findings from the Boston Birth Cohort.. <i>Environment International</i> , 2022 , 158, 106976	12.9	0
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8	Epigenome-wide association study and network analysis for IgA Nephropathy from CD19 B-cell in Chinese Population. <i>Epigenetics</i> , 2021 , 16, 1283-1294	5.7	0
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